

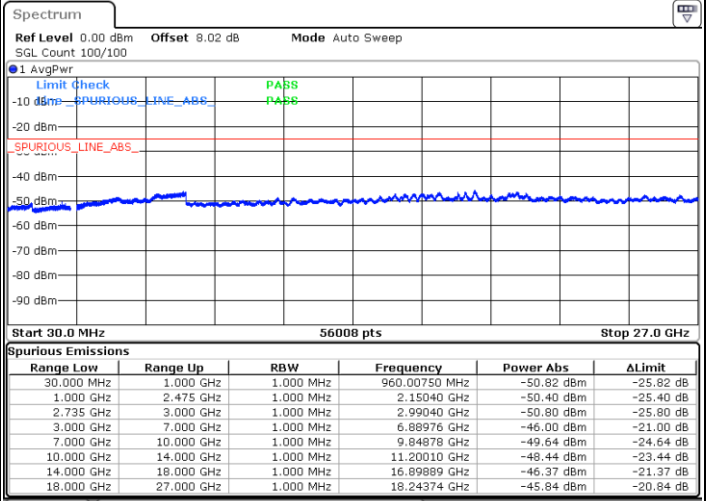
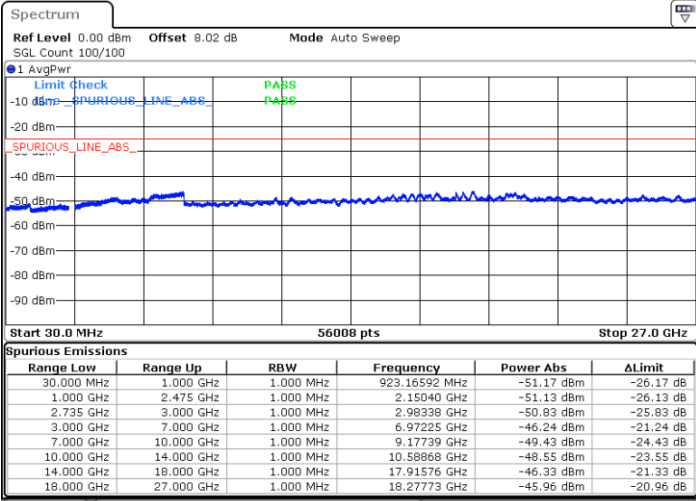


LTE Band 41 / 5MHz+20MHz

64QAM

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

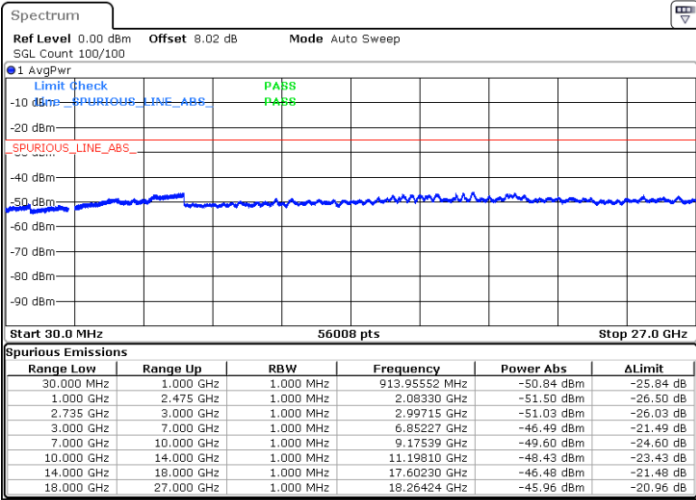


Date: 25.OCT.2019 15:38:58

Date: 25.OCT.2019 15:40:31

Highest Channel / 1RB24 and 1RB0

N/A



Date: 25.OCT.2019 15:48:38

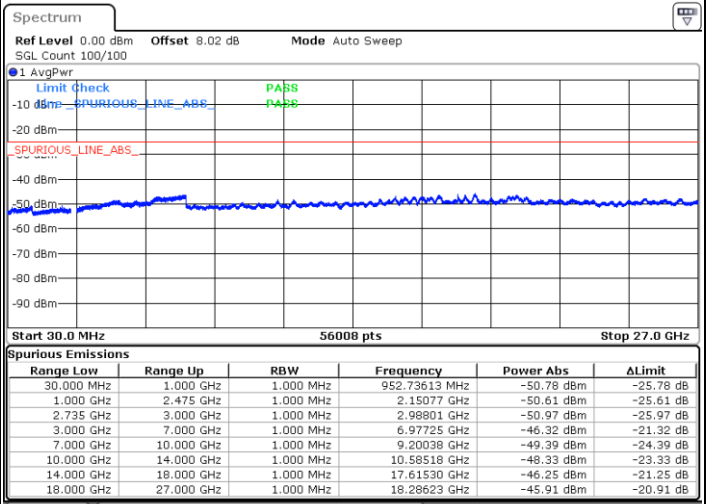
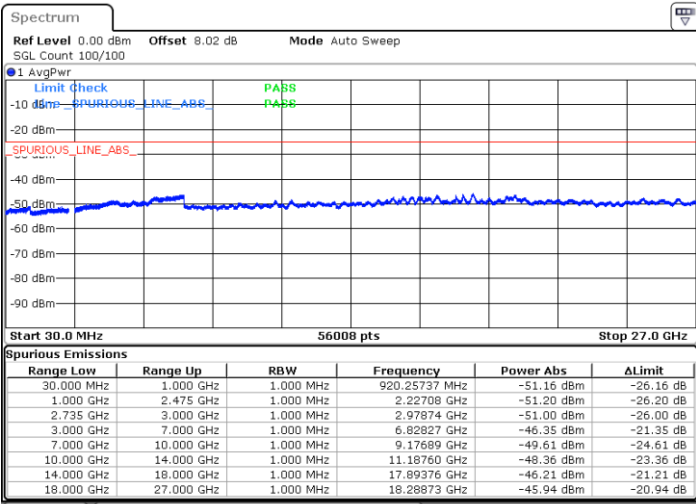


LTE Band 41 / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

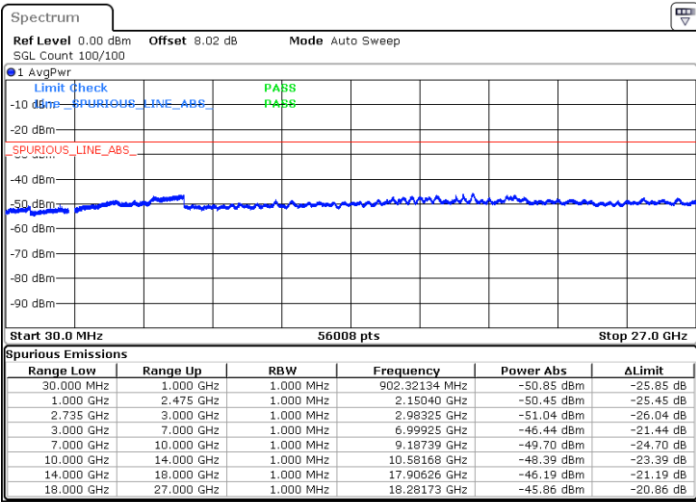


Date: 25.OCT.2019 14:50:10

Date: 25.OCT.2019 14:54:23

Highest Channel /1RB49 and 1RB0

N/A



Date: 25.OCT.2019 14:56:07

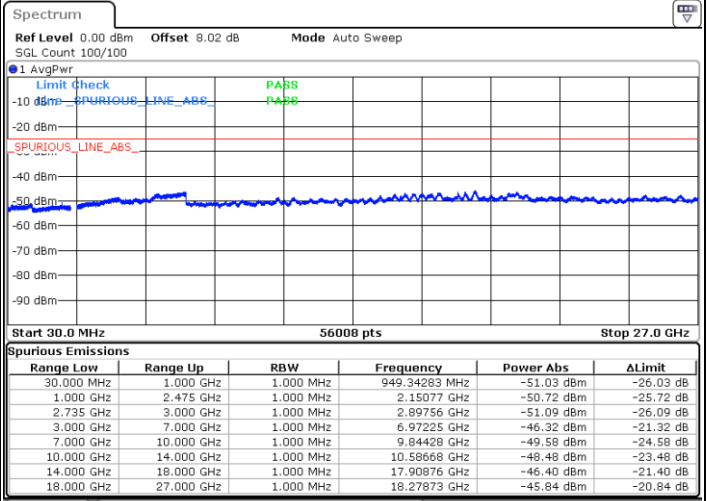
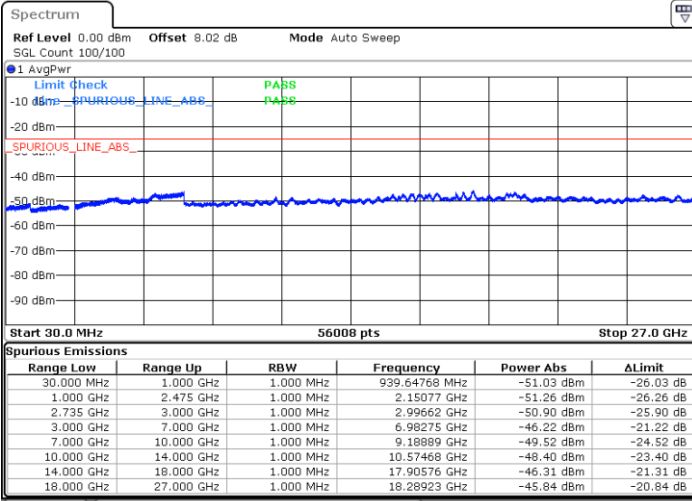


LTE Band 41 / 10MHz+15MHz

16QAM

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

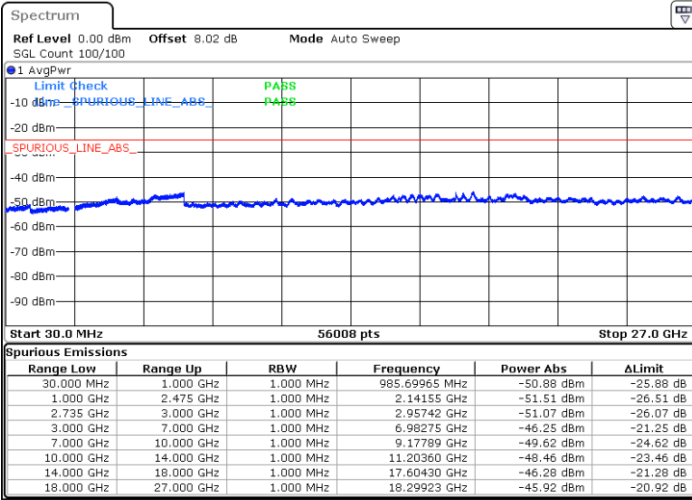


Date: 25.OCT.2019 14:48:58

Date: 25.OCT.2019 14:53:20

Highest Channel / 1RB49 and 1RB0

N/A



Date: 25.OCT.2019 14:58:49

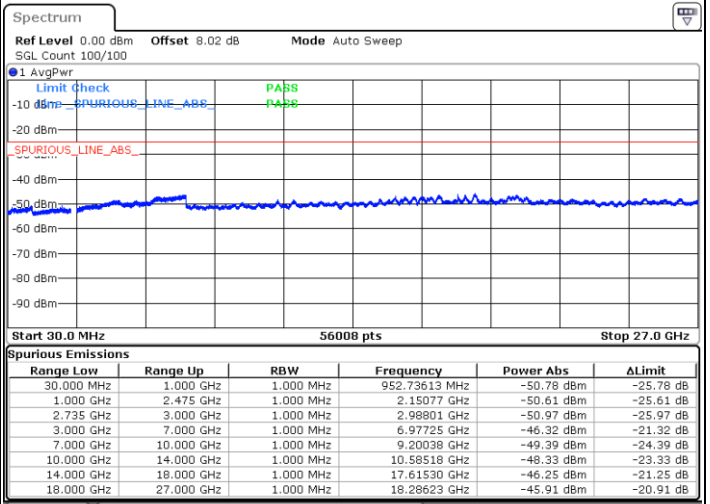
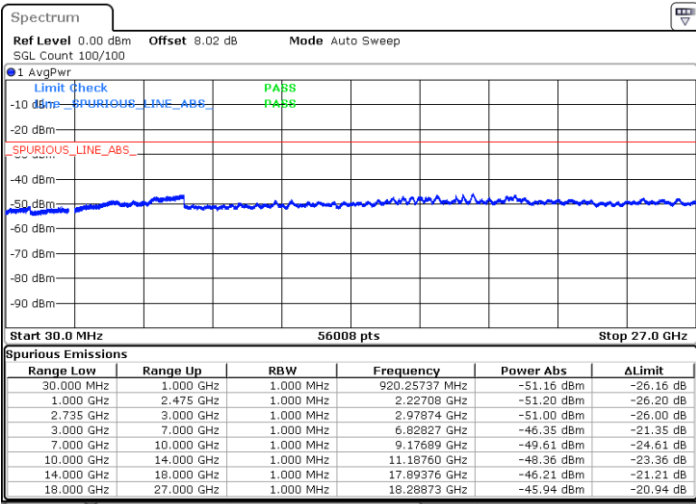


LTE Band 41 / 10MHz+15MHz

64QAM

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

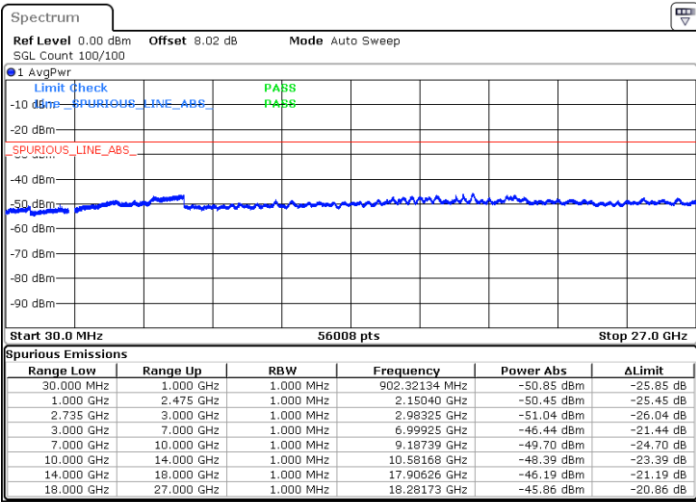


Date: 25.OCT.2019 14:50:10

Date: 25.OCT.2019 14:54:23

Highest Channel / 1RB49 and 1RB0

N/A



Date: 25.OCT.2019 14:56:07

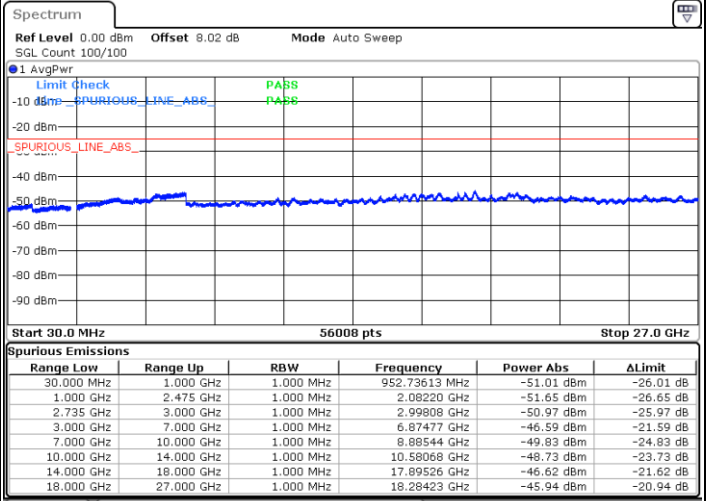
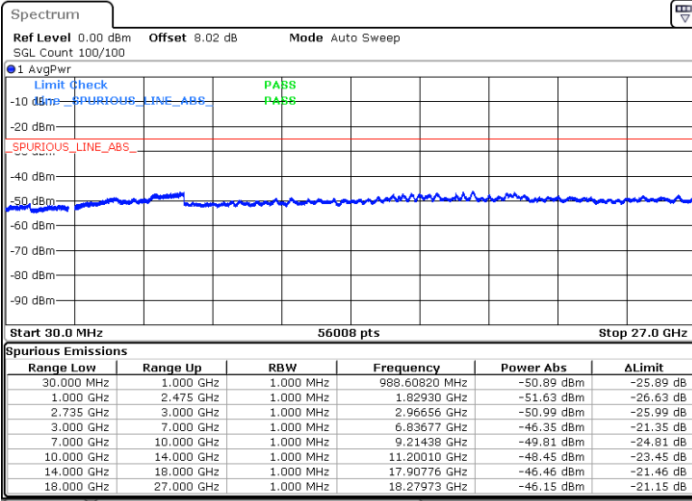


LTE Band 41 / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

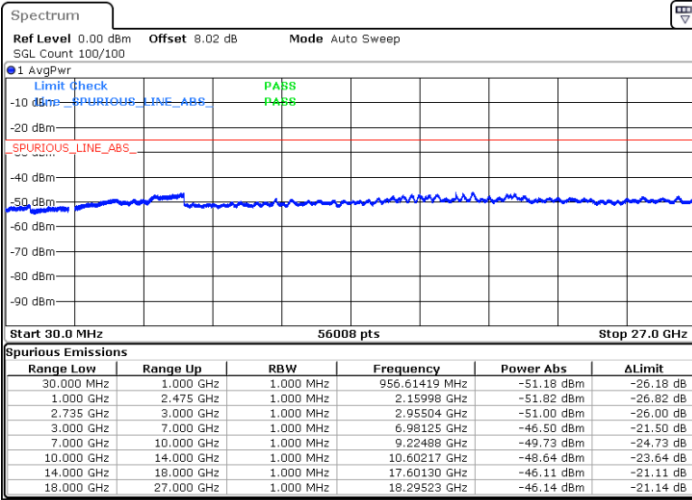


Date: 7.NOV.2019 19:36:08

Date: 7.NOV.2019 19:23:58

Highest Channel / 1RB49 and 1RB0

N/A



Date: 7.NOV.2019 19:22:28

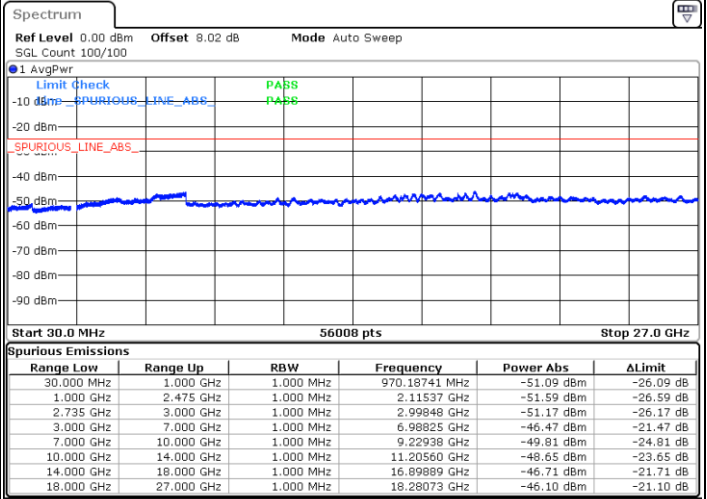
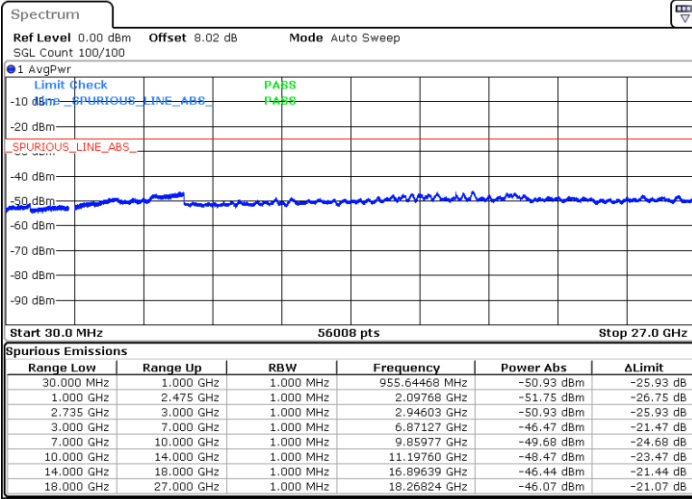


LTE Band 41 / 10MHz+20MHz

16QAM

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

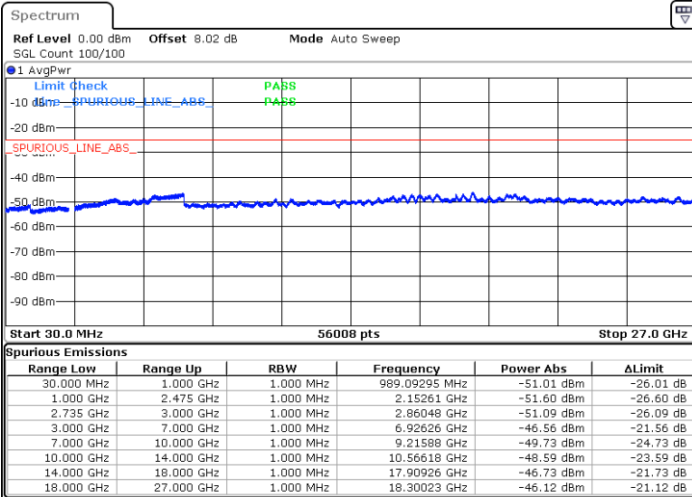


Date: 7.NOV.2019 19:34:56

Date: 7.NOV.2019 19:24:55

Highest Channel / 1RB49 and 1RB0

N/A



Date: 7.NOV.2019 19:21:06

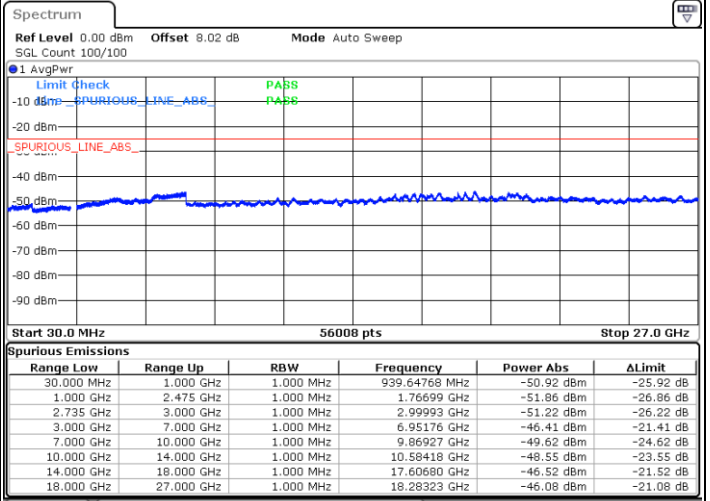
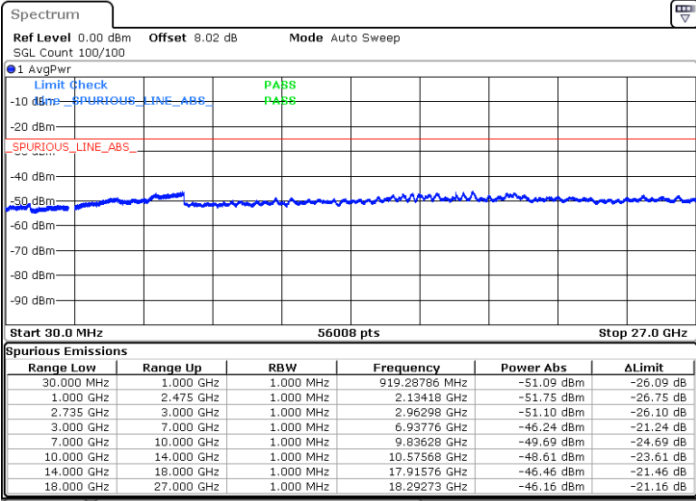


LTE Band 41 / 10MHz+20MHz

64QAM

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

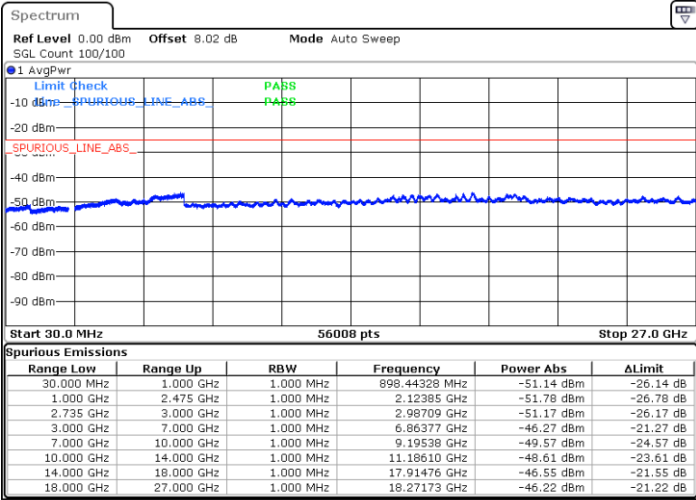


Date: 7.NOV.2019 19:33:49

Date: 7.NOV.2019 19:25:54

Highest Channel /1RB49 and 1RB0

N/A



Date: 7.NOV.2019 19:20:12

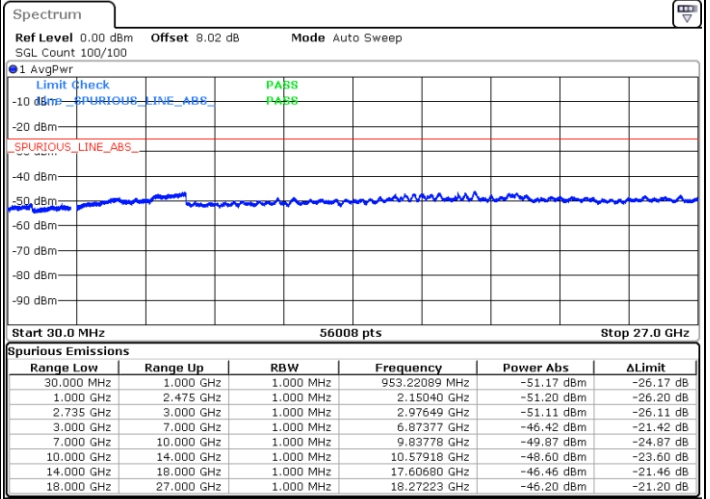
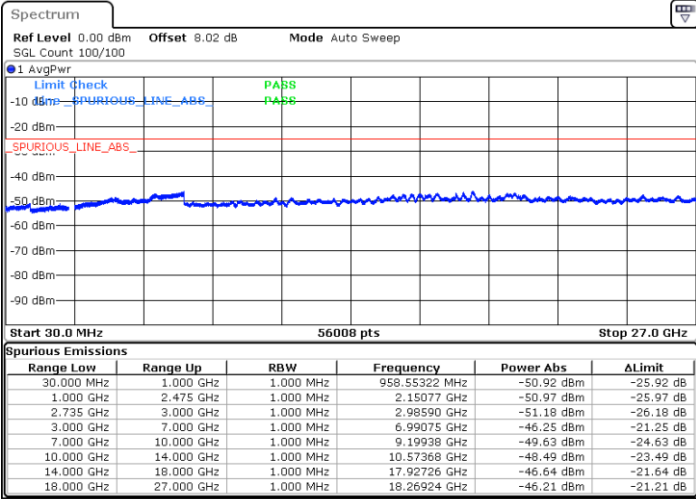


LTE Band 41 / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

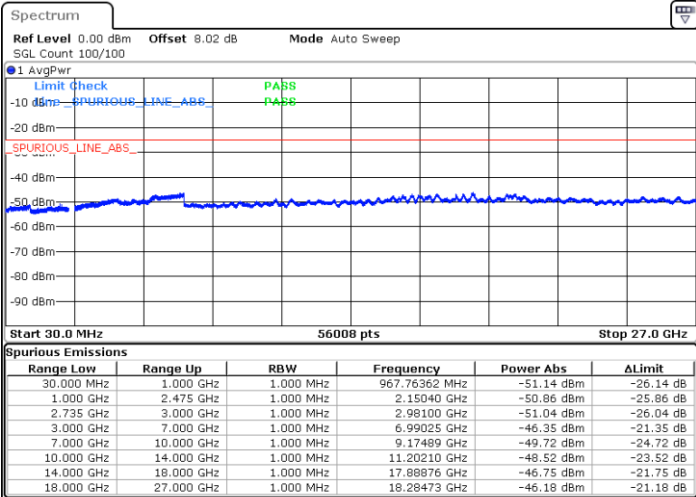


Date: 7.NOV.2019 20:52:57

Date: 7.NOV.2019 21:06:15

Highest Channel / 1RB74 and 1RB0

N/A



Date: 7.NOV.2019 21:17:32

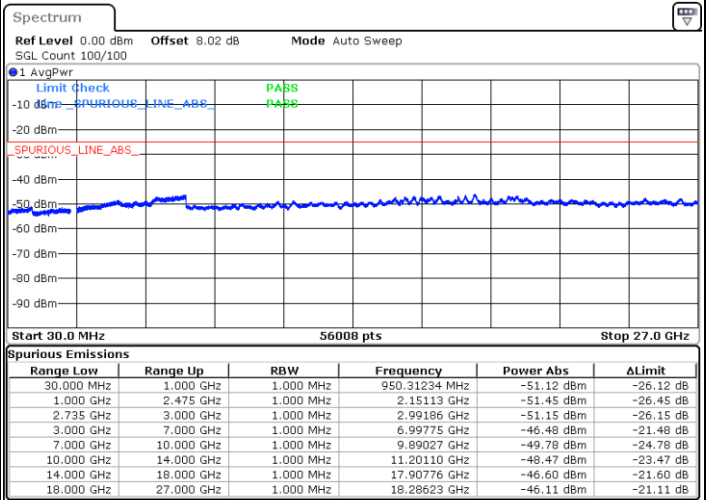
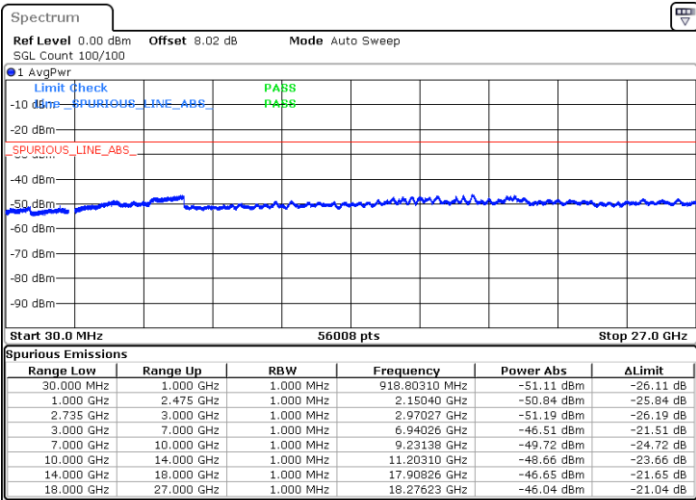


LTE Band 41 / 15MHz+10MHz

16QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

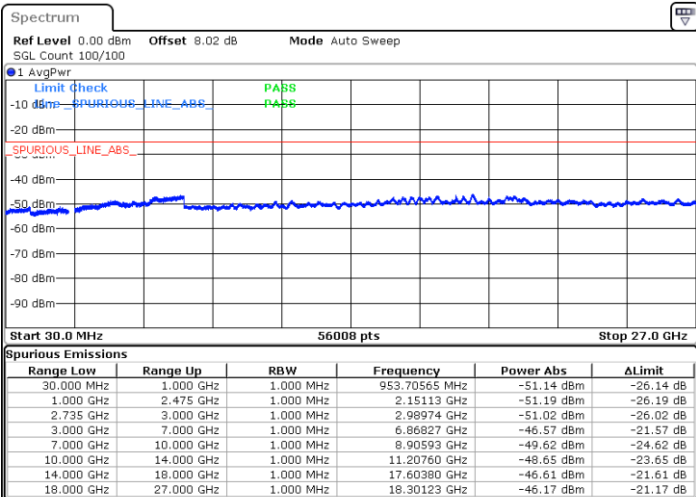


Date: 7.NOV.2019 20:51:18

Date: 7.NOV.2019 21:09:04

Highest Channel / 1RB74 and 1RB0

N/A



Date: 7.NOV.2019 21:14:10

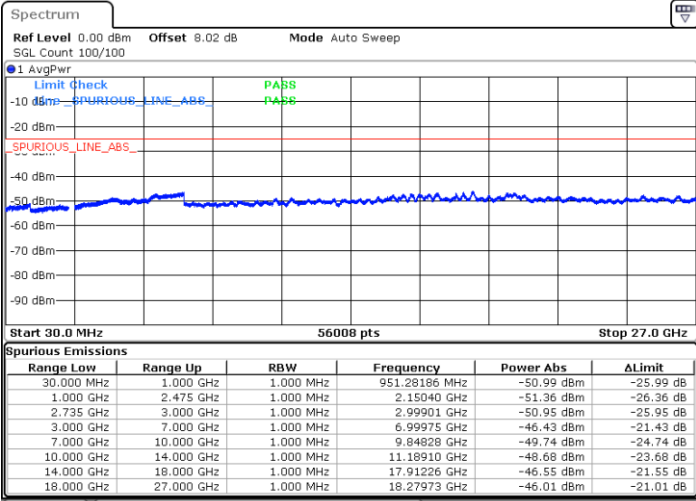


LTE Band 41 / 15MHz+10MHz

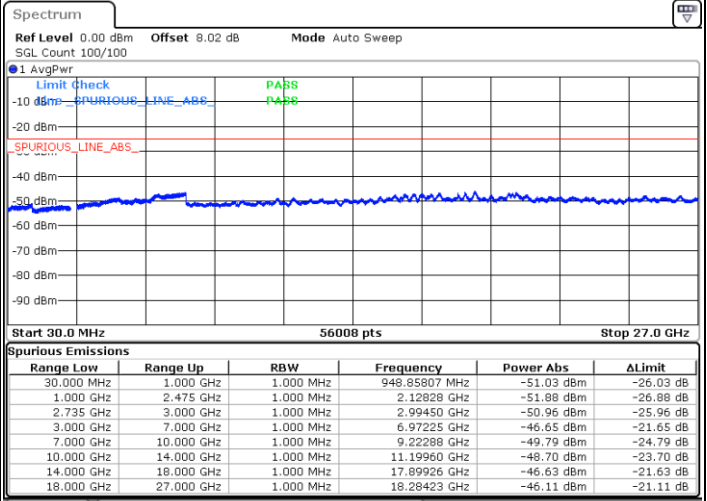
64QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



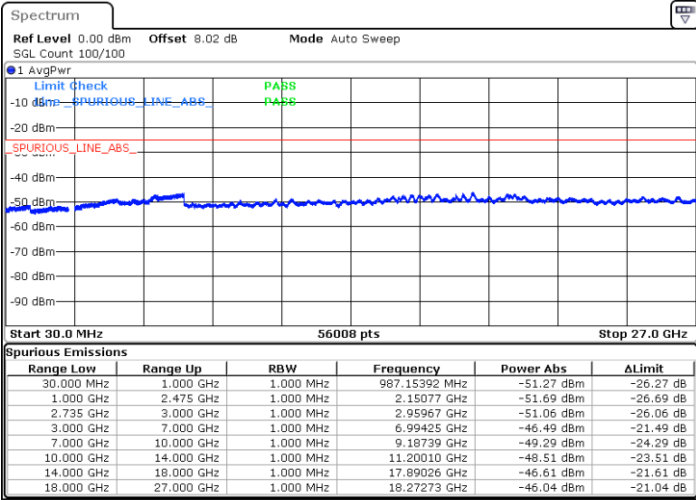
Date: 7.NOV.2019 20:49:22



Date: 7.NOV.2019 21:10:24

Highest Channel / 1RB74 and 1RB0

N/A



Date: 7.NOV.2019 21:11:52

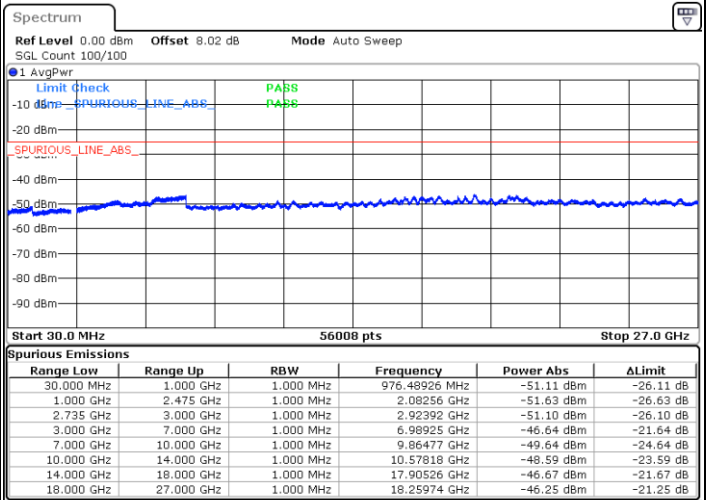
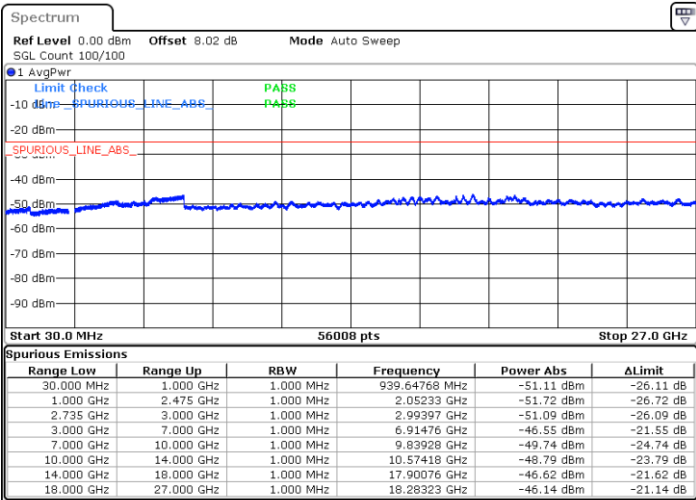


LTE Band 41 / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle / 1RB74 and 1RB0

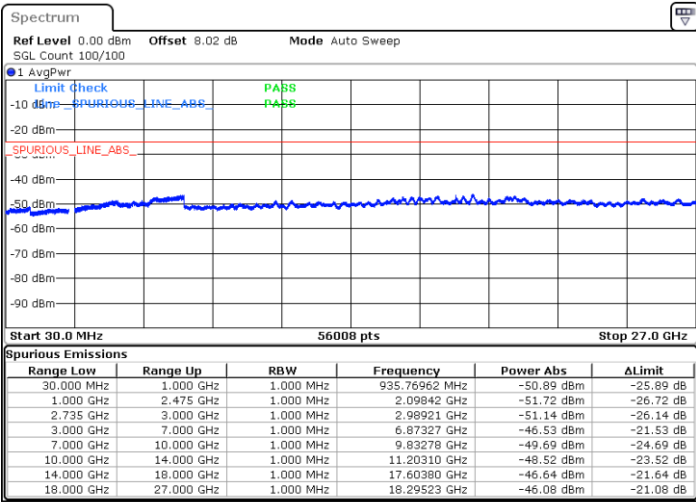


Date: 7.NOV.2019 19:41:43

Date: 7.NOV.2019 20:17:33

Highest Channel /1RB74 and 1RB0

N/A



Date: 7.NOV.2019 20:24:50

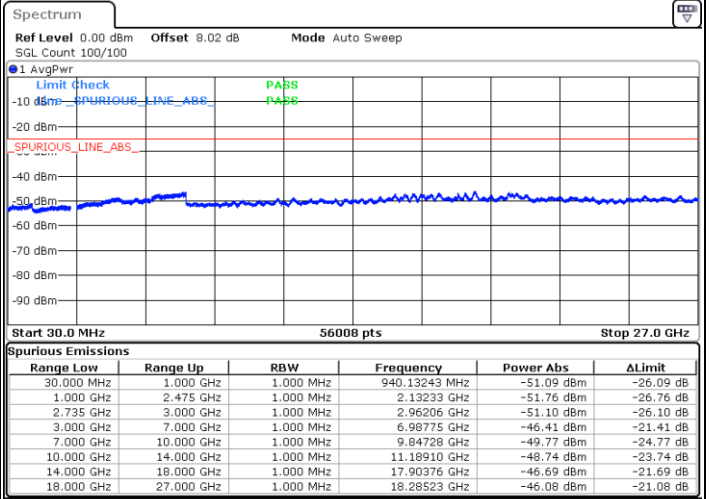
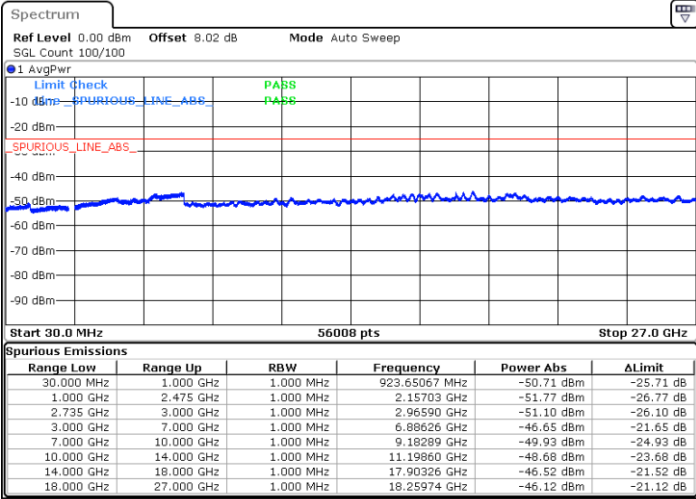


LTE Band 41 / 15MHz+15MHz

16QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

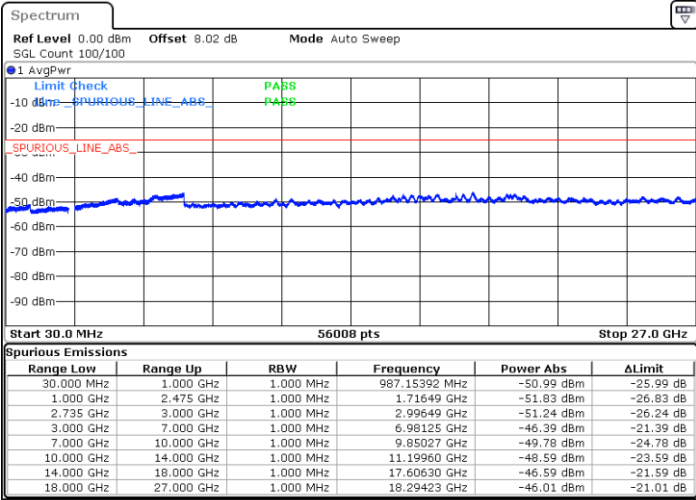


Date: 7.NOV.2019 19:43:06

Date: 7.NOV.2019 20:16:29

Highest Channel /1RB74 and 1RB0

N/A



Date: 7.NOV.2019 20:26:13

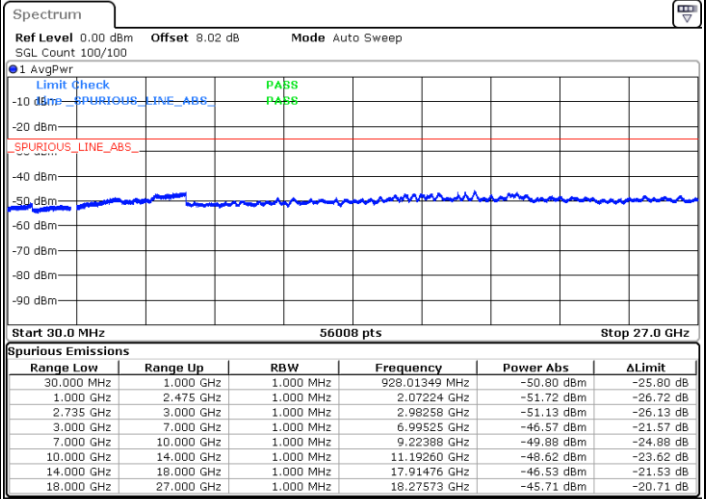
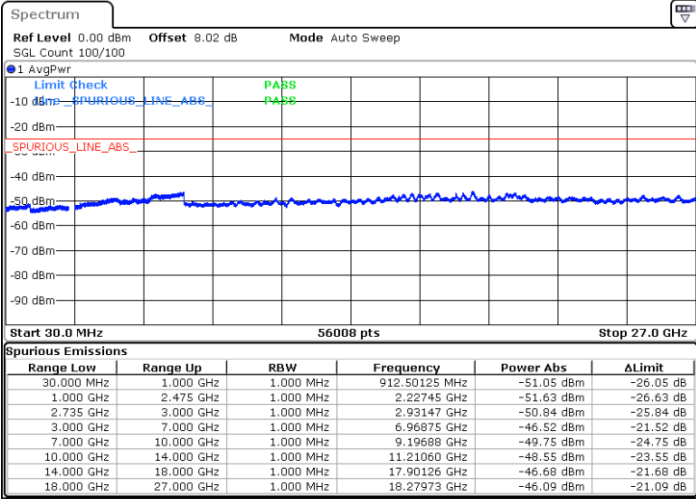


LTE Band 41 / 15MHz+15MHz

64QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel /1RB74 and 1RB0

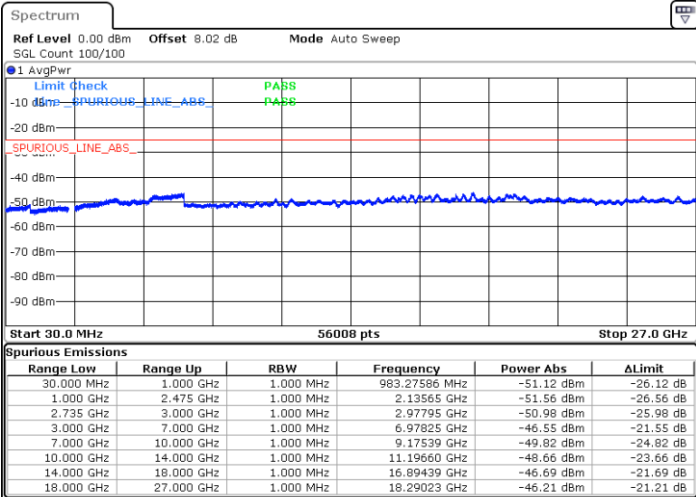


Date: 7.NOV.2019 20:09:40

Date: 7.NOV.2019 20:14:24

Highest Channel 1RB74 and 1RB0

N/A



Date: 7.NOV.2019 20:27:19

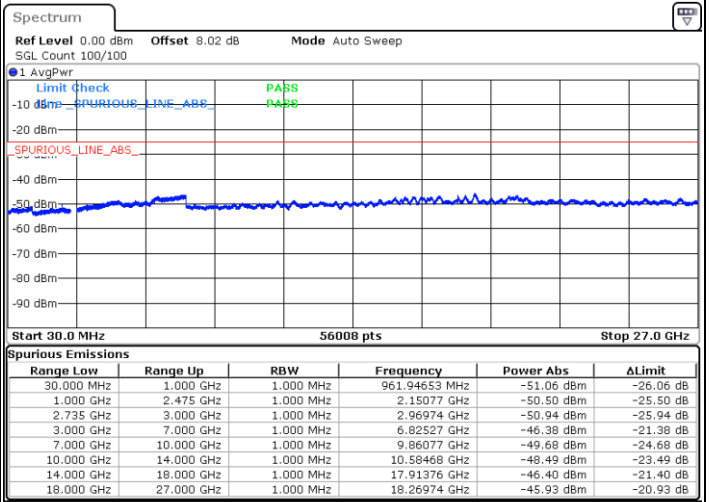
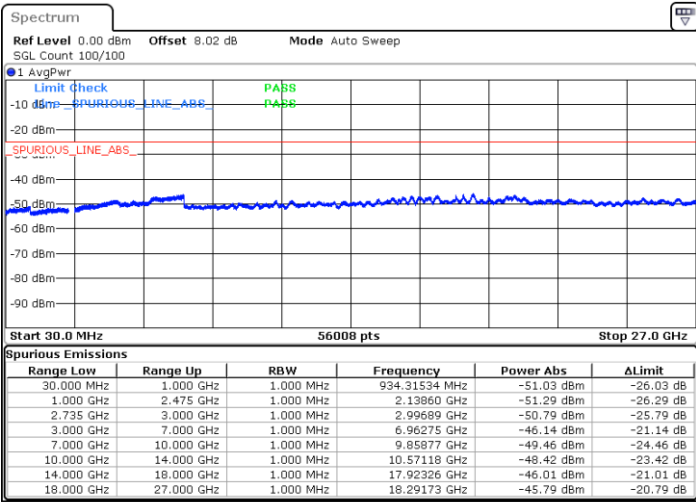


LTE Band 41 / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

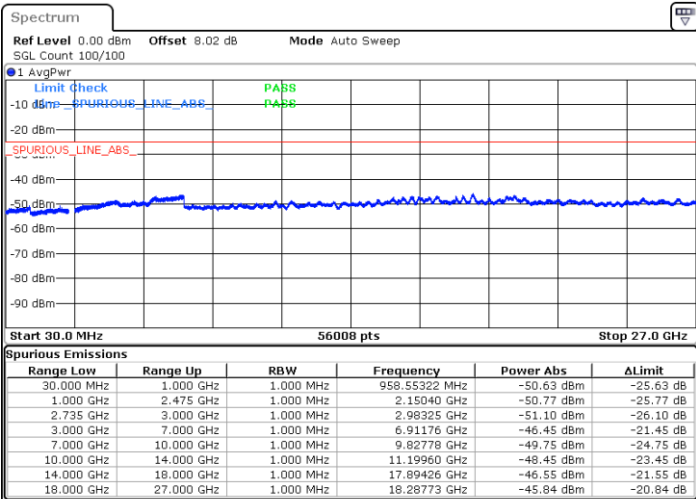


Date: 9.NOV.2019 21:50:29

Date: 9.NOV.2019 21:59:56

Highest Channel / 1RB74 and 1RB0

N/A



Date: 9.NOV.2019 22:16:18

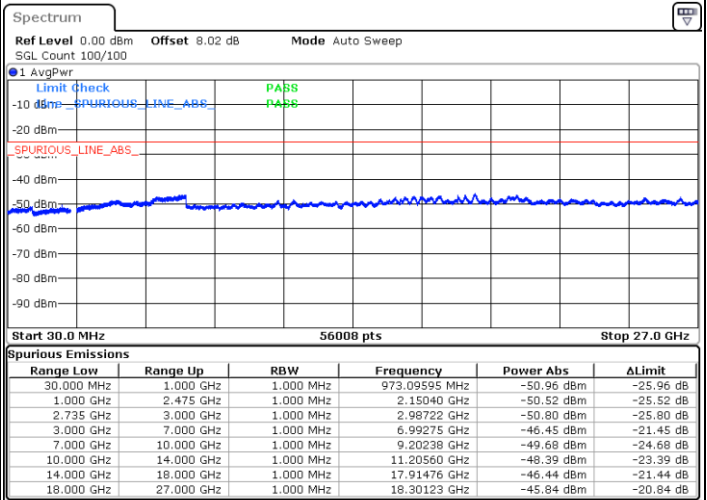
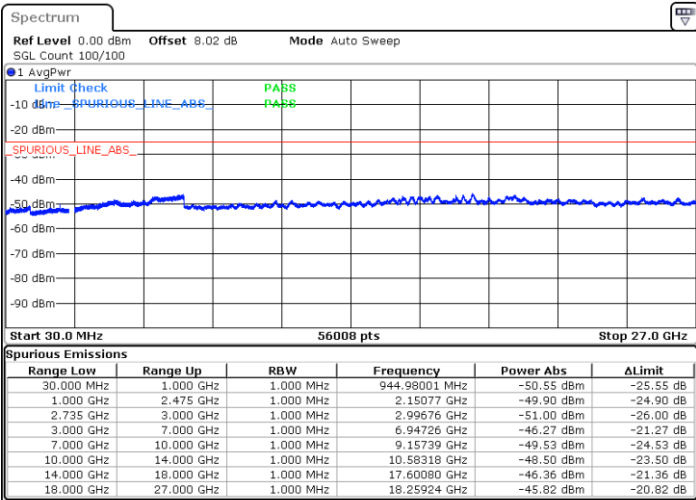


LTE Band 41 / 15MHz+20MHz

16QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

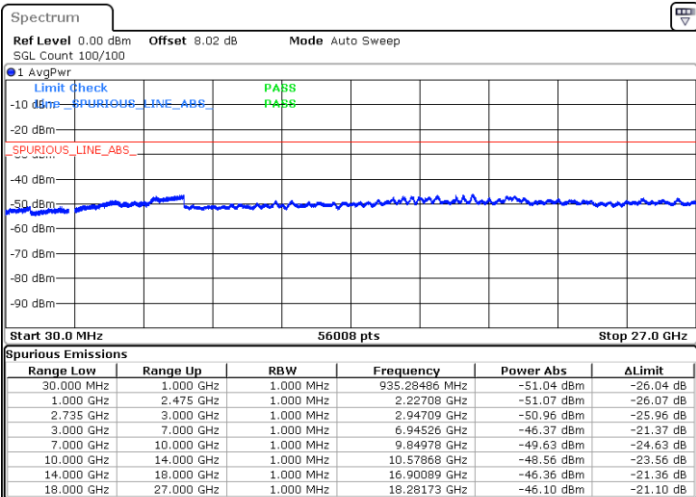


Date: 9.NOV.2019 21:52:38

Date: 9.NOV.2019 21:54:43

Highest Channel / 1RB74 and 1RB0

N/A



Date: 9.NOV.2019 22:19:35

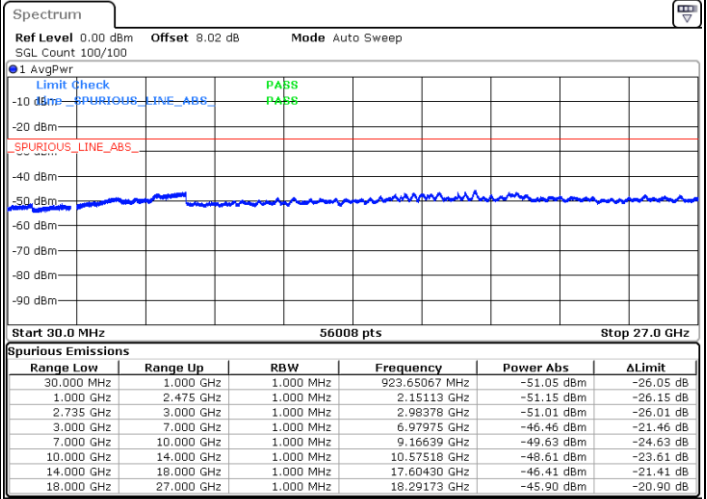
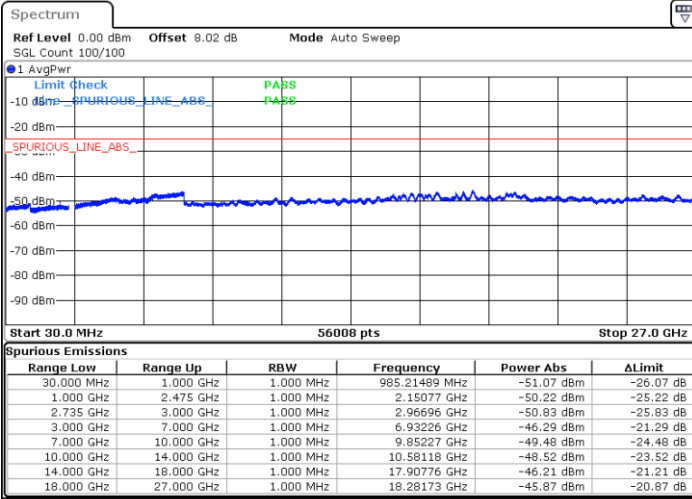


LTE Band 41 / 15MHz+20MHz

64QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

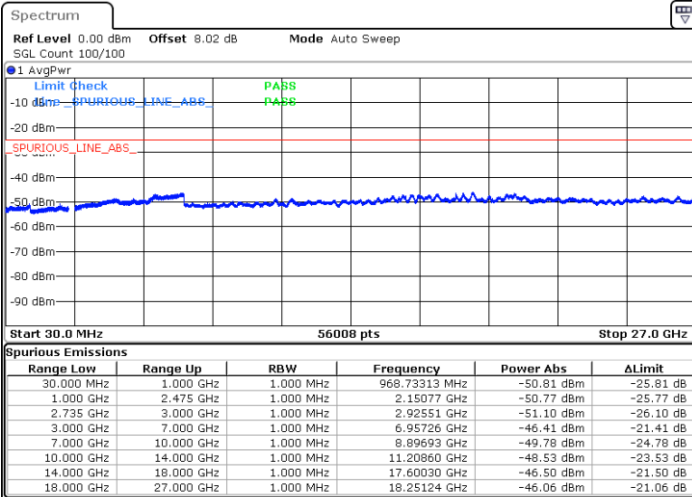


Date: 9.NOV.2019 21:51:41

Date: 9.NOV.2019 21:57:17

Highest Channel / 1RB74 and 1RB0

N/A



Date: 9.NOV.2019 22:23:38

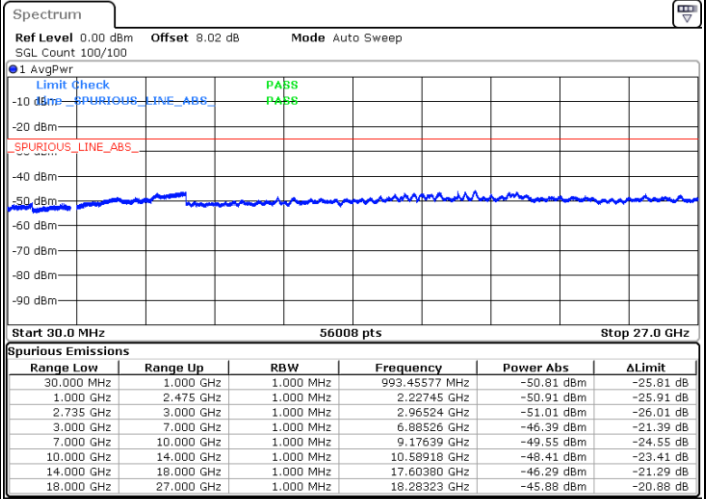
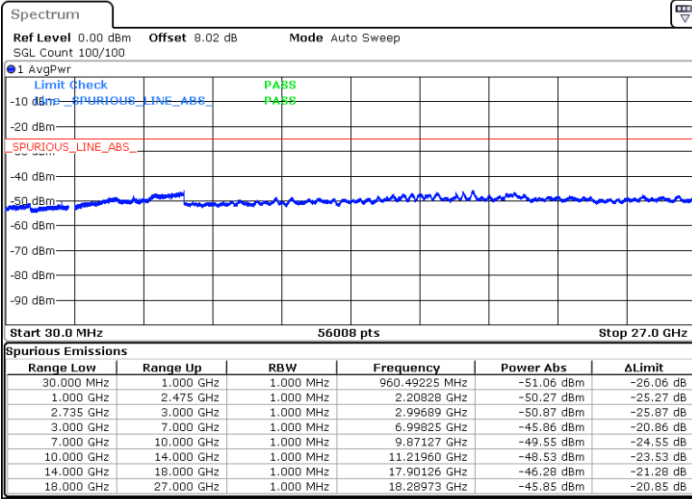


LTE Band 41 / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

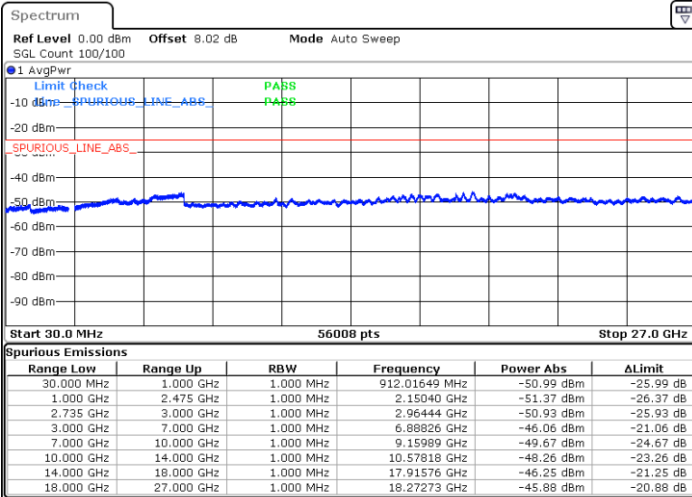


Date: 25.OCT.2019 15:08:46

Date: 25.OCT.2019 15:15:29

Highest Channel /1RB99 and 1RB0

N/A



Date: 25.OCT.2019 15:18:39

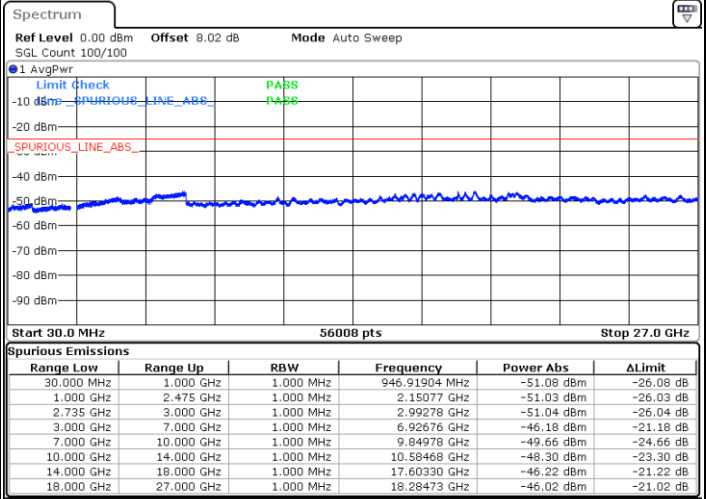
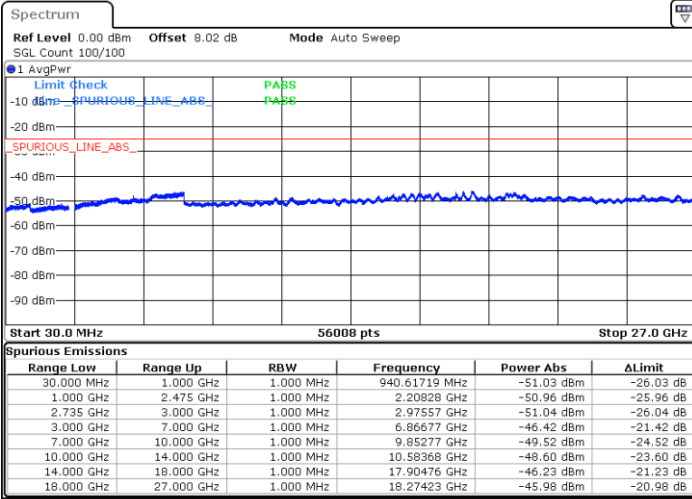


LTE Band 41 / 20MHz+5MHz

16QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

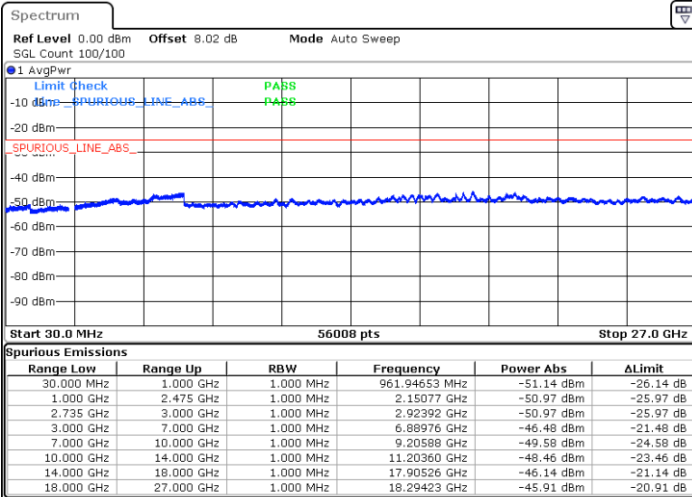


Date: 25.OCT.2019 15:11:00

Date: 25.OCT.2019 15:14:29

Highest Channel / 1RB99 and 1RB0

N/A



Date: 25.OCT.2019 15:20:31

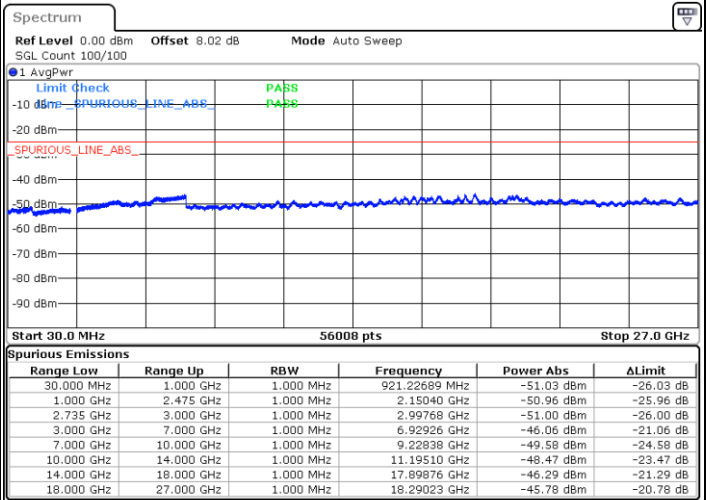
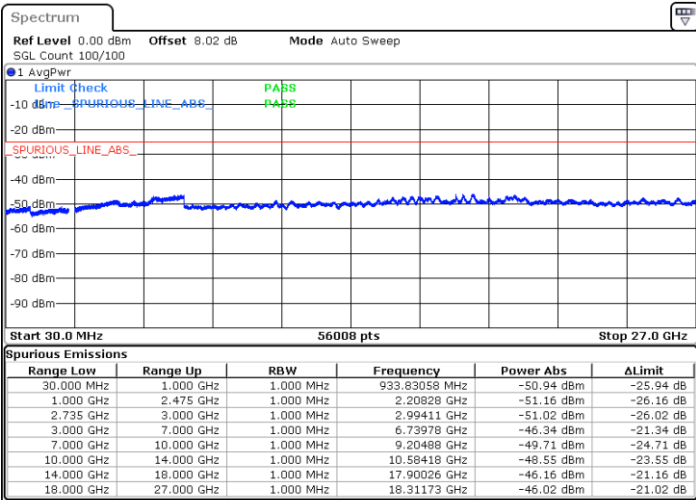


LTE Band 41 / 20MHz+5MHz

64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

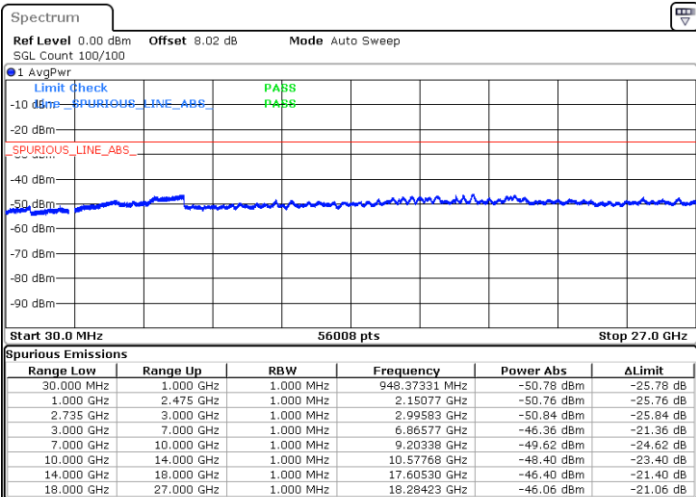


Date: 25.OCT.2019 15:12:13

Date: 25.OCT.2019 15:13:29

Highest Channel / 1RB99 and 1RB0

N/A



Date: 25.OCT.2019 15:21:45

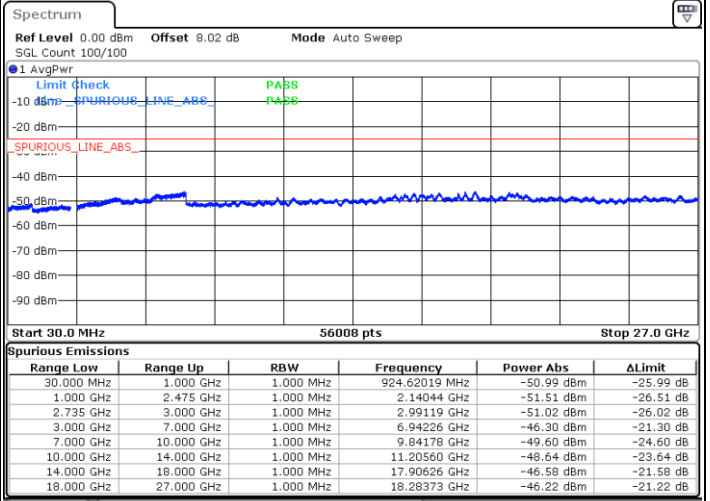
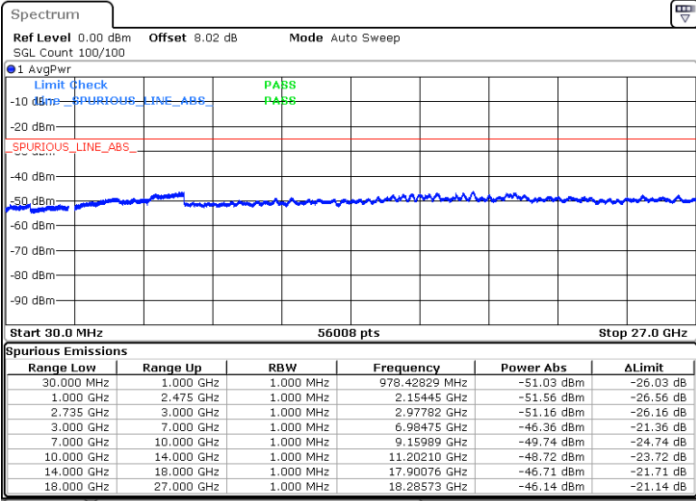


LTE Band 41 / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

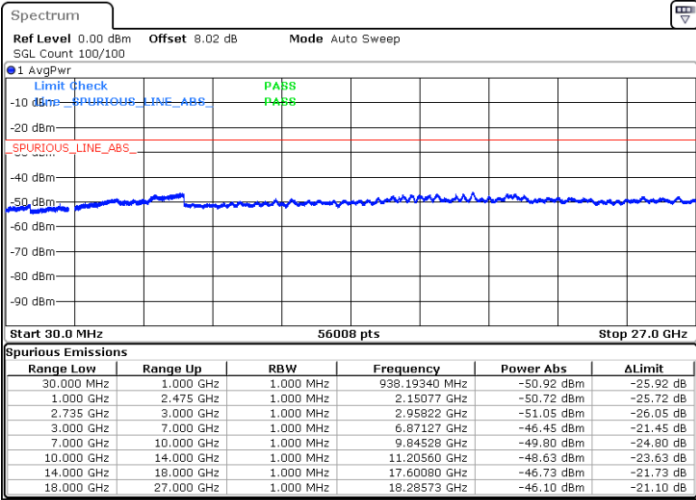


Date: 7.NOV.2019 22:01:09

Date: 7.NOV.2019 21:49:05

Highest Channel / 1RB99 and 1RB0

N/A



Date: 7.NOV.2019 22:14:33

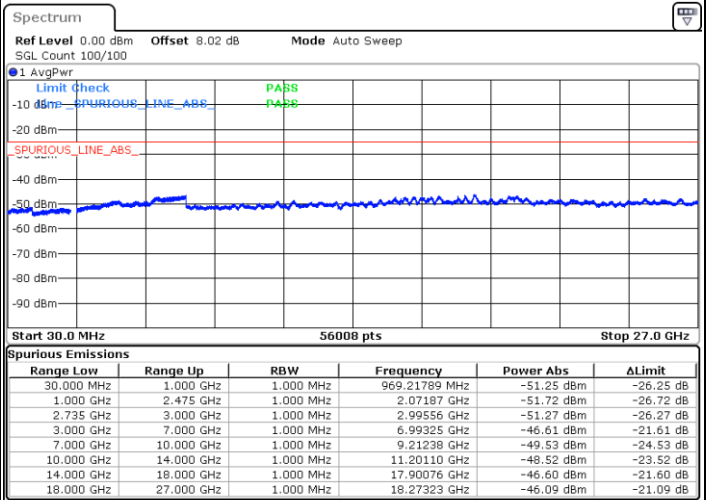
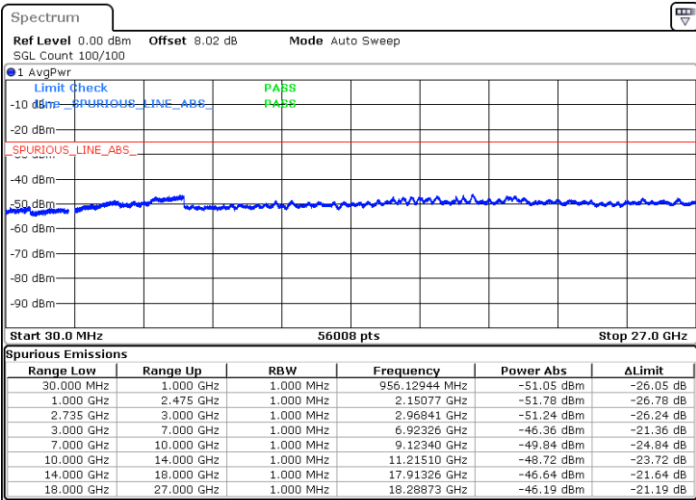


LTE Band 41 / 20MHz+10MHz

16QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

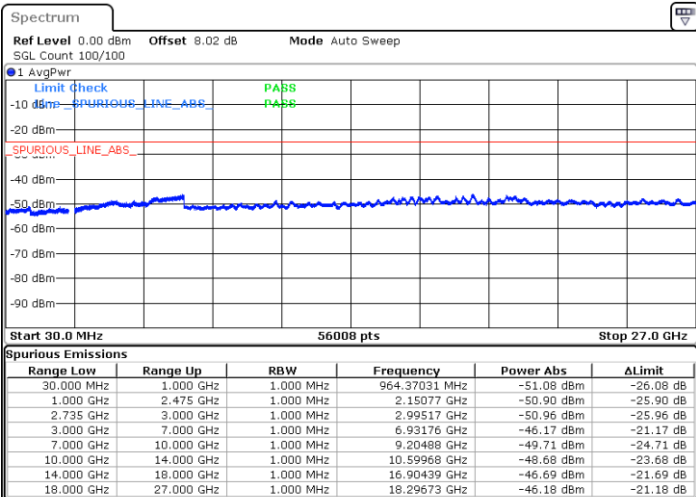


Date: 7.NOV.2019 22:03:14

Date: 7.NOV.2019 21:47:41

Highest Channel / 1RB99 and 1RB0

N/A



Date: 7.NOV.2019 22:12:48

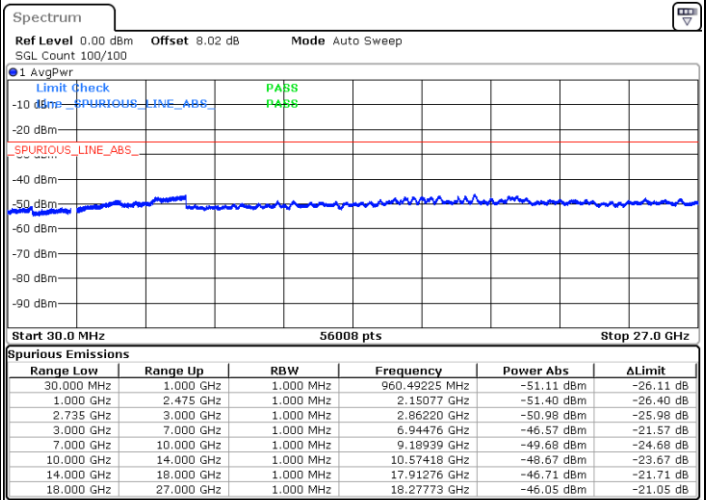
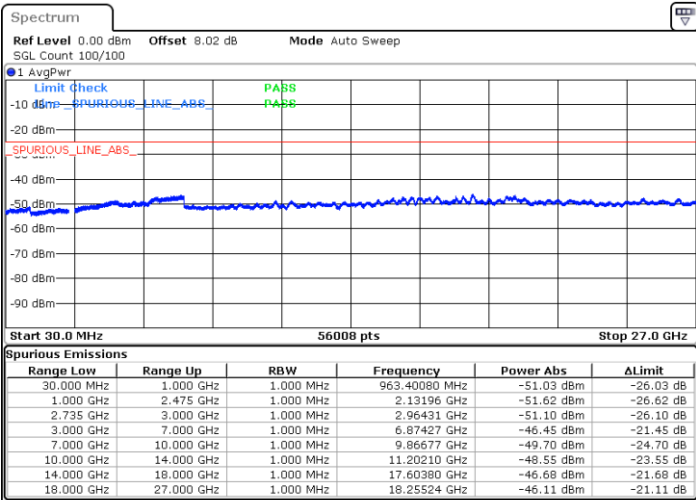


LTE Band 41 / 20MHz+10MHz

64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

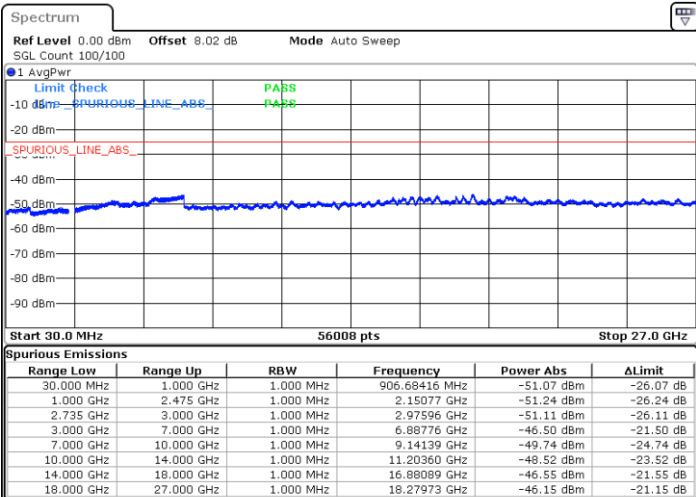


Date: 7.NOV.2019 22:05:01

Date: 7.NOV.2019 21:44:07

Highest Channel /1RB99 and 1RB0

N/A



Date: 7.NOV.2019 22:11:19

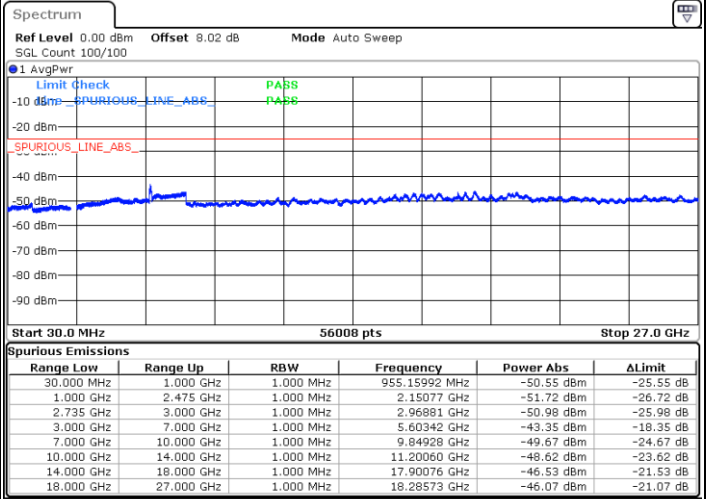
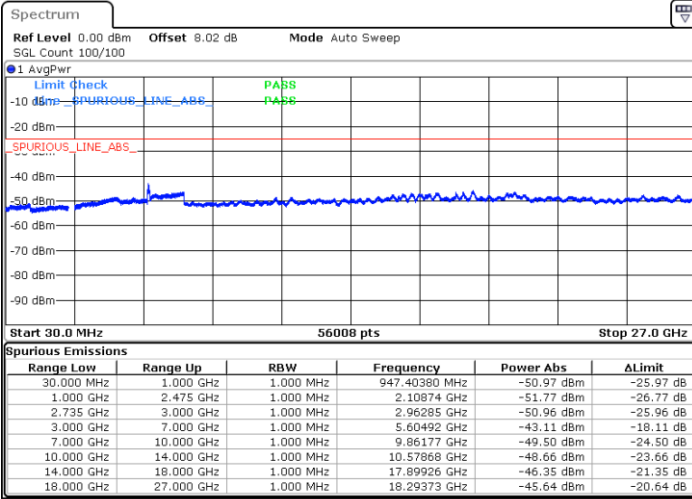


LTE Band 41 / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

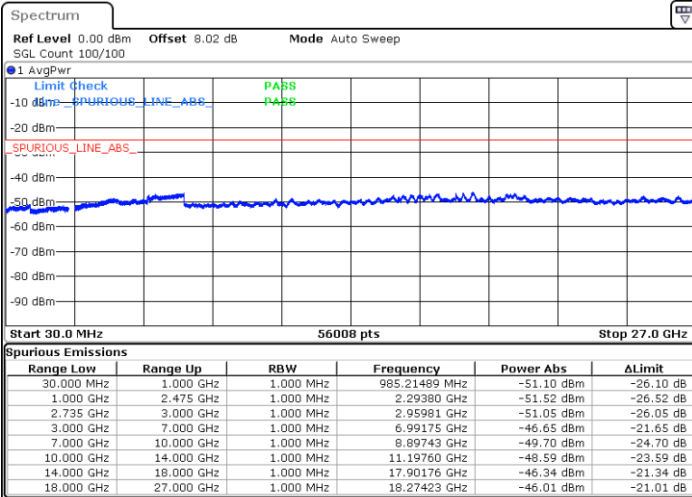


Date: 8.NOV.2019 19:31:42

Date: 8.NOV.2019 19:35:45

Highest Channel / 1RB99 and 1RB0

N/A



Date: 8.NOV.2019 20:12:03

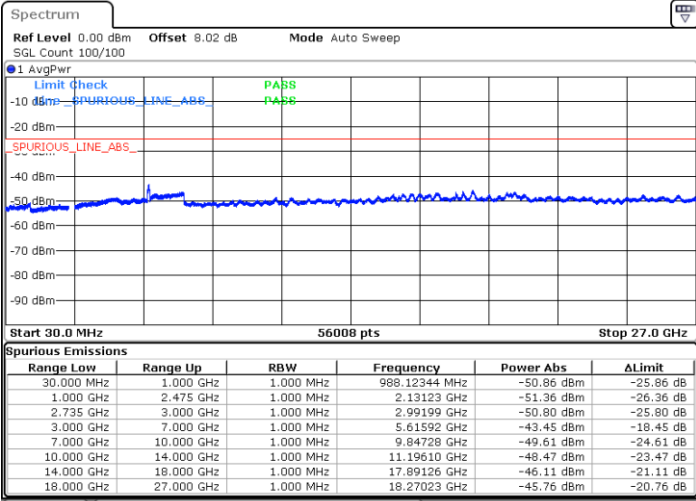


LTE Band 41 / 20MHz+15MHz

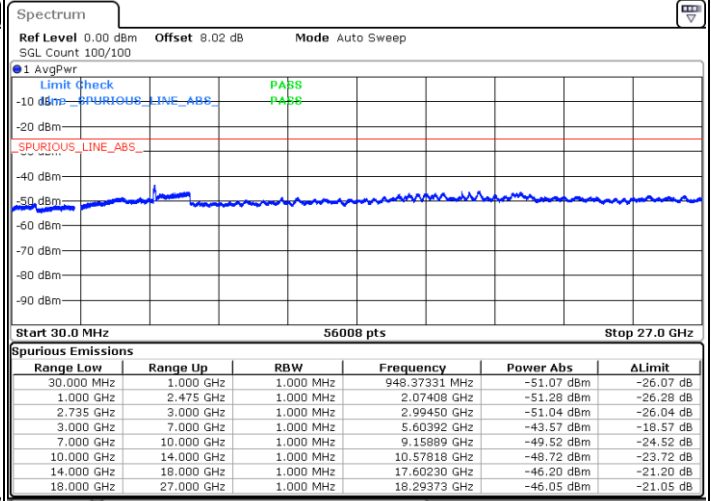
16QAM

Lowest Channel /1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



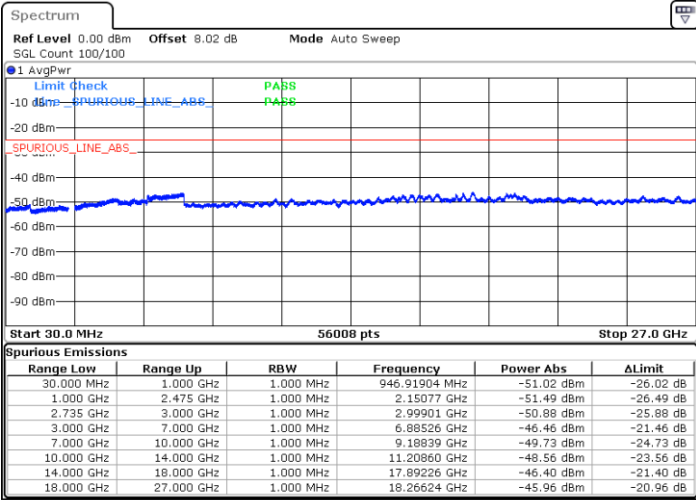
Date: 8.NOV.2019 19:26:19



Date: 8.NOV.2019 19:42:13

Highest Channel /1RB99 and 1RB0

N/A



Date: 8.NOV.2019 20:13:45

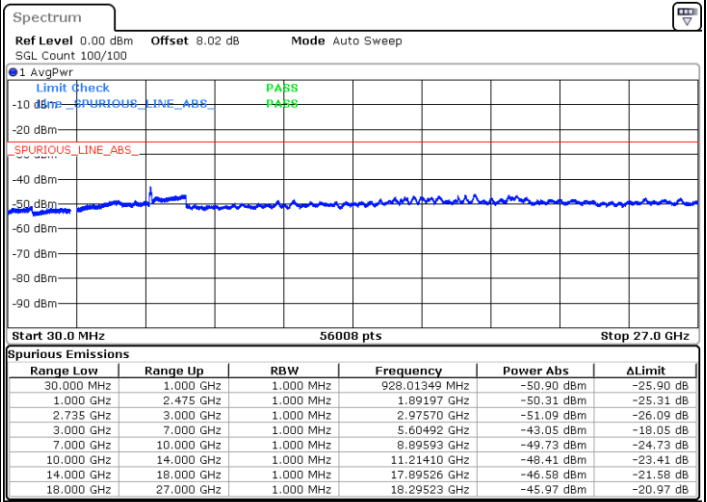
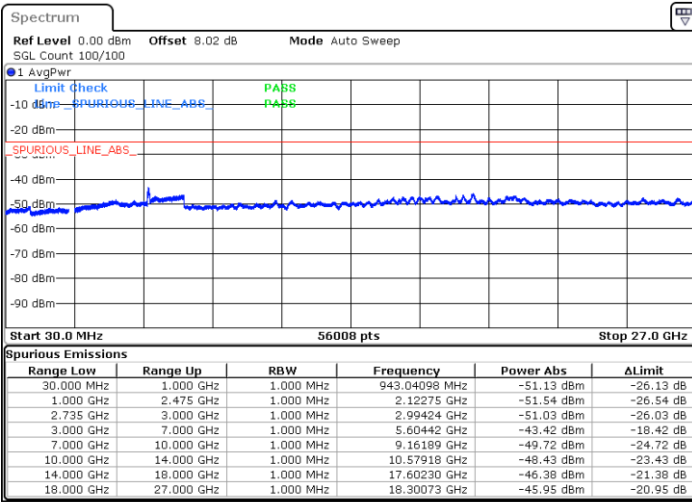


LTE Band 41 / 20MHz+15MHz

64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

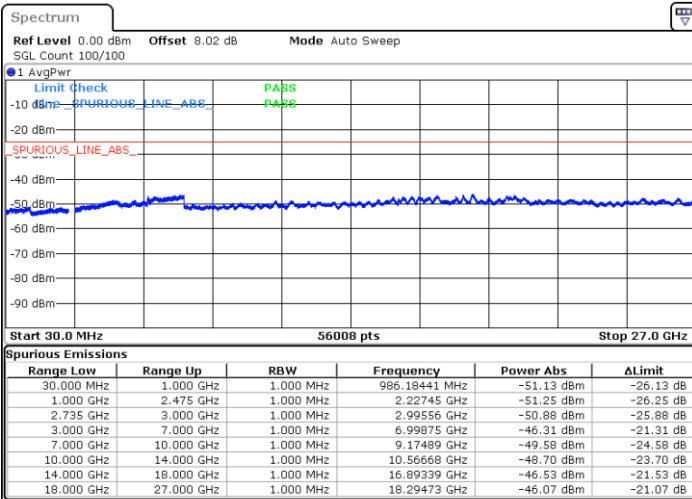


Date: 8.NOV.2019 19:25:08

Date: 8.NOV.2019 19:54:36

Highest Channel / 1RB99 and 1RB0

N/A



Date: 8.NOV.2019 20:18:04

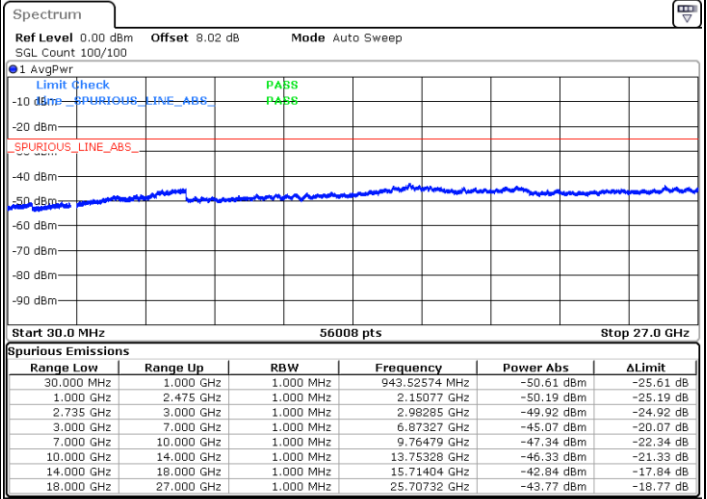
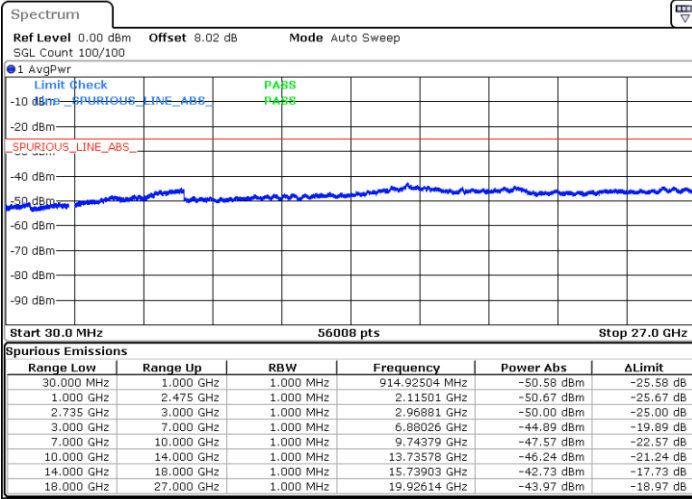


LTE Band 41 / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

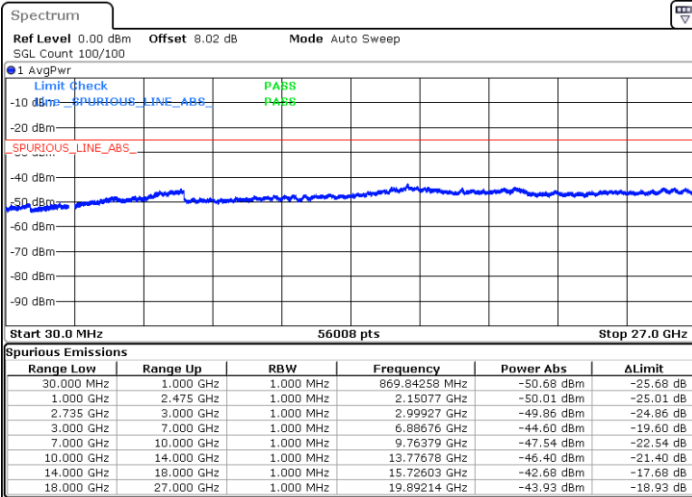


Date: 7.NOV.2019 10:13:34

Date: 7.NOV.2019 10:26:14

Highest Channel / 1RB99 and 1RB0

N/A



Date: 7.NOV.2019 10:28:11

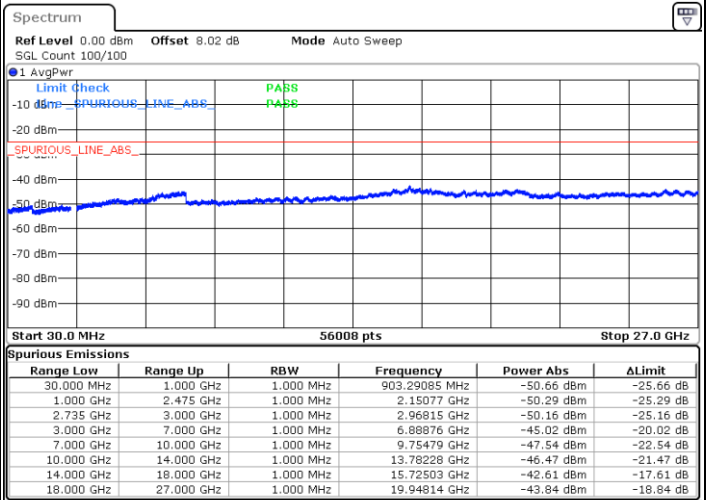
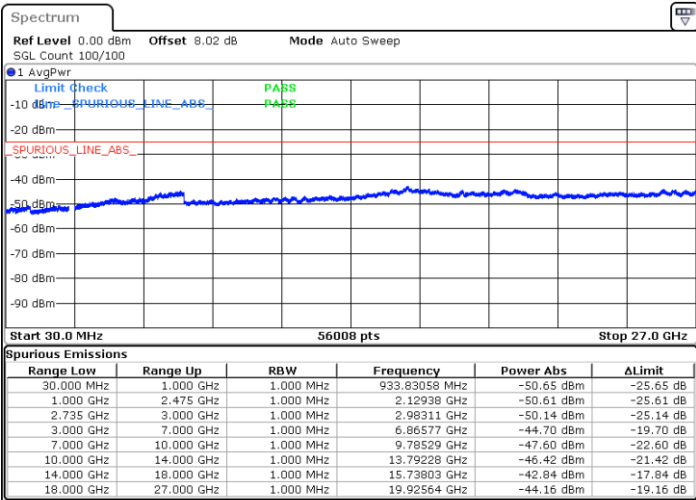


LTE Band 41 / 20MHz+20MHz

16QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

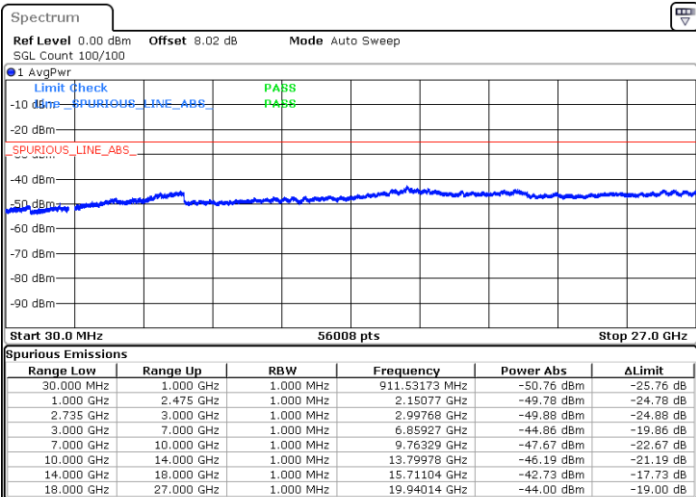


Date: 7.NOV.2019 10:14:44

Date: 7.NOV.2019 10:25:06

Highest Channel / 1RB99 and 1RB0

N/A



Date: 7.NOV.2019 10:29:59

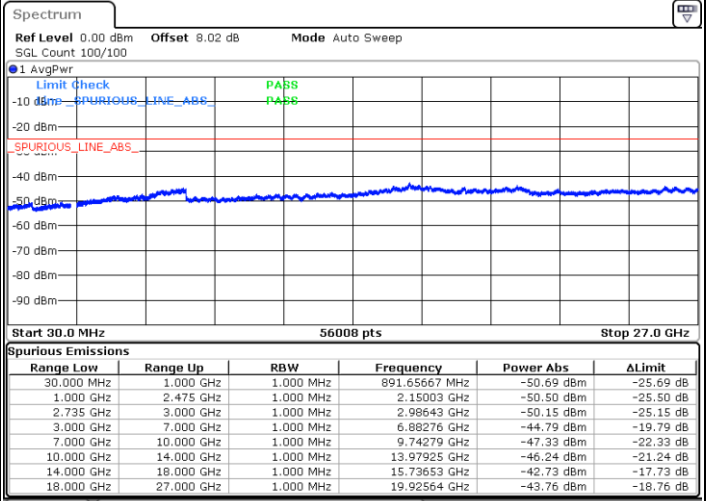
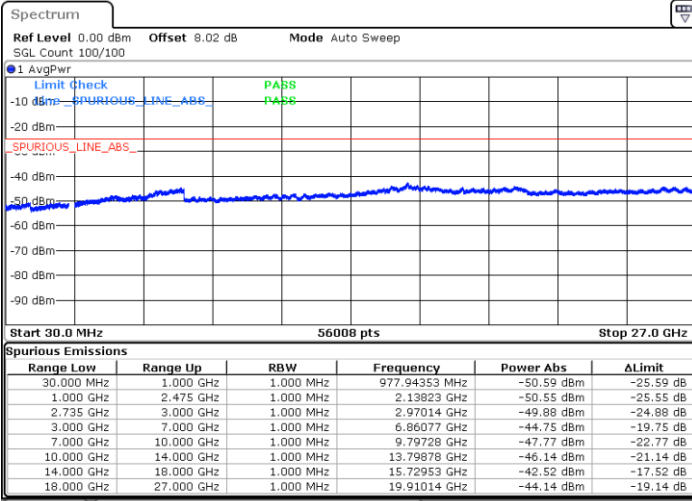


LTE Band 41 / 20MHz+20MHz

64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

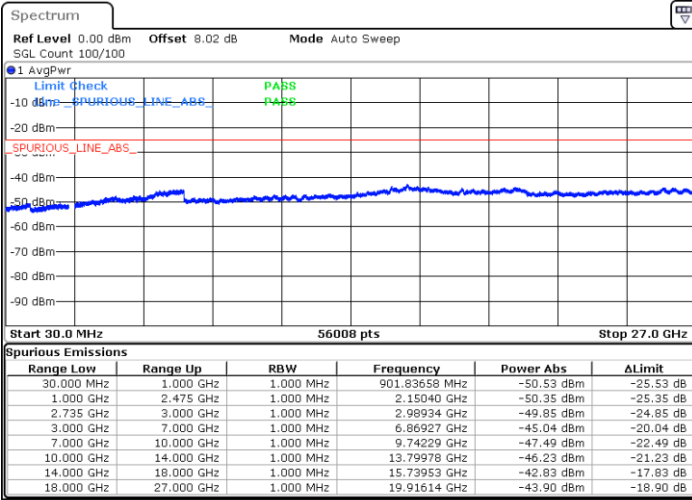


Date: 7.NOV.2019 10:16:02

Date: 7.NOV.2019 10:22:02

Highest Channel / 1RB99 and 1RB0

N/A



Date: 7.NOV.2019 10:32:03



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000	-58.29	-25	-33.29	-68.50	3.03	13.24	H
	7504	-59.90	-25	-34.90	-69.35	3.56	13.01	H
	10000	-57.54	-25	-32.54	-67.06	3.92	13.44	H
	5000	-59.98	-25	-34.98	-70.19	3.03	13.24	V
	7504	-60.45	-25	-35.45	-69.90	3.56	13.01	V
	10000	-58.41	-25	-33.41	-67.93	3.92	13.44	V
Middle	5052	-63.12	-25	-38.12	-73.33	3.03	13.24	H
	7580	-59.00	-25	-34.00	-68.45	3.56	13.01	H
	10100	-58.91	-25	-33.91	-68.43	3.92	13.44	H
	5052	-63.48	-25	-38.48	-73.69	3.03	13.24	V
	7578.27	-59.37	-25	-34.37	-68.82	3.56	13.01	V
	10100	-60.45	-25	-35.45	-69.97	3.92	13.44	V
Highest	5100	-57.23	-25	-32.23	-67.44	3.03	13.24	H
	7652	-59.46	-25	-34.46	-68.91	3.56	13.01	H
	10200	-58.44	-25	-33.44	-67.96	3.92	13.44	H
	5100	-59.53	-25	-34.53	-69.74	3.03	13.24	V
	7653.27	-61.54	-25	-36.54	-70.99	3.56	13.01	V
	10200	-59.33	-25	-34.33	-68.85	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 41 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-61.54	-25	-36.54	-71.75	3.03	13.24	H
	7491.27	-62.34	-25	-37.34	-71.79	3.56	13.01	H
	9990	-57.52	-25	-32.52	-67.04	3.92	13.44	H
	4992	-64.04	-25	-39.04	-74.25	3.03	13.24	V
	7492	-62.65	-25	-37.65	-72.10	3.56	13.01	V
	9990	-58.76	-25	-33.76	-68.28	3.92	13.44	V
Middle	5168	-61.93	-25	-36.93	-72.14	3.03	13.24	H
	7752	-61.52	-25	-36.52	-70.97	3.56	13.01	H
	10340	-58.57	-25	-33.57	-68.09	3.92	13.44	H
	5168	-62.27	-25	-37.27	-72.48	3.03	13.24	V
	7752	-61.98	-25	-36.98	-71.43	3.56	13.01	V
	10340	-58.98	-25	-33.98	-68.50	3.92	13.44	V
Highest	5344	-64.61	-25	-39.61	-74.82	3.03	13.24	H
	8012	-60.80	-25	-35.80	-70.25	3.56	13.01	H
	10683	-56.60	-25	-31.60	-66.12	3.92	13.44	H
	5340	-63.10	-25	-38.10	-73.31	3.03	13.24	V
	8013.27	-61.48	-25	-36.48	-70.93	3.56	13.01	V
	10683	-56.52	-25	-31.52	-66.04	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 66 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3423	-54.91	-13	-41.91	-65.65	2.604	13.34	H
	5133	-49.75	-13	-36.75	-60.26	3.011	13.52	H
	6840	-52.81	-13	-39.81	-63.01	3.271	13.47	H
	3423	-50.50	-13	-37.50	-61.24	2.604	13.34	V
	5133	-48.94	-13	-35.94	-59.45	3.011	13.52	V
	6840	-53.15	-13	-40.15	-63.35	3.271	13.47	V
Middle	3471	-58.16	-13	-45.16	-68.90	2.604	13.34	H
	5208	-48.91	-13	-35.91	-59.42	3.011	13.52	H
	6948	-51.92	-13	-38.92	-62.12	3.271	13.47	H
	3471	-58.39	-13	-45.39	-69.13	2.604	13.34	V
	5208	-48.71	-13	-35.71	-59.22	3.011	13.52	V
	6948	-52.20	-13	-39.20	-62.40	3.271	13.47	V
Highest	3522	-58.39	-13	-45.39	-69.13	2.604	13.34	H
	5283	-49.80	-13	-36.80	-60.31	3.011	13.52	H
	7044	-50.63	-13	-37.63	-60.83	3.271	13.47	H
	3522	-58.39	-13	-45.39	-69.13	2.604	13.34	V
	5283	-49.01	-13	-36.01	-59.52	3.011	13.52	V
	7044	-50.99	-13	-37.99	-61.19	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 71 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1348	-67.19	-13	-54.19	-68.94	1.02	4.92	H
	2022	-64.37	-13	-51.37	-66.34	1.27	5.39	H
	2696	-63.09	-13	-50.09	-66.02	1.49	6.57	H
	3372	-64.23	-13	-51.23	-67.77	1.54	7.23	H
	1348	-68.43	-13	-55.43	-70.18	1.02	4.92	V
	2022	-65.36	-13	-52.36	-67.33	1.27	5.39	V
	2696	-63.46	-13	-50.46	-66.39	1.49	6.57	V
	3372	-64.07	-13	-51.07	-67.61	1.54	7.23	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 41_CA / 20MHz+20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994.18	-65.87	-25	-40.87	-76.08	3.03	13.24	H
	7491.27	-59.77	-25	-34.77	-69.22	3.56	13.01	H
	9990	-56.85	-25	-31.85	-66.37	3.92	13.44	H
	4994.18	-66.30	-25	-41.30	-76.51	3.03	13.24	V
	7492	-60.09	-25	-35.09	-69.54	3.56	13.01	V
	9990	-57.55	-25	-32.55	-67.07	3.92	13.44	V
Middle	5148	-65.33	-25	-40.33	-75.54	3.03	13.24	H
	7724	-60.45	-25	-35.45	-69.90	3.56	13.01	H
	10300	-57.71	-25	-32.71	-67.23	3.92	13.44	H
	5148	-65.52	-25	-40.52	-75.73	3.03	13.24	V
	7724	-59.80	-25	-34.80	-69.25	3.56	13.01	V
	10300	-57.42	-25	-32.42	-66.94	3.92	13.44	V
Highest	5304	-66.02	-25	-41.02	-76.23	3.03	13.24	H
	7952	-60.59	-25	-35.59	-70.04	3.56	13.01	H
	10605	-56.59	-25	-31.59	-66.11	3.92	13.44	H
	5304	-66.38	-25	-41.38	-76.59	3.03	13.24	V
	7952	-60.86	-25	-35.86	-70.31	3.56	13.01	V
	10605	-56.41	-25	-31.41	-65.93	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.